

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A dose dial and drive mechanism for use in a drug delivery device comprising:

a housing having a first end closest to a dispensing end of the device and a second end opposite the first end;

a dose dial sleeve;

a piston rod;

a drive sleeve is threadedly connected to the said piston rod;

a reset sleeve, which is located between said drive sleeve and said housing; and

a dose display,

characterised characterized in that

a) when said dose dial sleeve travels towards the second end of said housing the reset sleeve is carried with said dose dial sleeve towards the second end of said housing thereby resetting said dose display to a zero position; and

b) when said dose dial sleeve and/or the reset sleeve travels towards the first end of said housing, the said dose dial sleeve and/or reset sleeve engage(s) with said drive sleeve thus advancing both said drive sleeve and said piston rod towards the first end of said housing.

2. (Canceled)

3. (Canceled)

4. (Currently amended) A method of assembling a drug delivery device comprising: the ~~step of providing a dose dial and drive mechanism or an assembly according to any of~~ claims 1 and 2 including

a housing having a first end closest to a dispensing end of the device and

a second end opposite the first end;

a dose dial sleeve;

a piston rod;

a drive sleeve threadedly connected to the piston rod;

a reset sleeve located between the drive sleeve and the housing; and

a dose display; and

arranging the dose dial and the drive mechanism such that:

(a) when the dose dial sleeve travels towards the second end of the housing, the reset sleeve is carried with the dose dial sleeve towards the second end of the housing, thereby resetting the dose display to a zero position; and

(b) when the dose dial sleeve and/or the reset sleeve travels towards the first end of the housing, the dose dial sleeve and/or the reset sleeve engages with the drive sleeve thus advancing both the drive sleeve and the piston rod towards the first end of the housing.

5. (Currently amended) A method of delivering a drug comprising: The use of a drug delivery device according to claim 3 for

providing a dose dial and drive mechanism including

a housing having a first end closest to a dispensing end of the device and

a second end opposite the first end;

a dose dial sleeve;

a piston rod;

a drive sleeve threadedly connected to the piston rod;

a reset sleeve located between the drive sleeve and the housing; and

a dose display; and

wherein the dose dial and the drive mechanism are configured such that

(a) when the dose dial sleeve travels towards the second end of the

housing, the reset sleeve is carried with the dose dial sleeve towards the

second end of the housing, thereby resetting the dose display to a zero

position; and

(b) when the dose dial sleeve and/or the reset sleeve travels towards the

first end of the housing, the said dose dial sleeve and/or the reset sleeve

engages with the drive sleeve thus advancing both the drive sleeve and

the piston rod towards the first end of the housing.

and

dispensing a medicinal product drug comprising an active compound selected from the group consisting of insulin, growth hormone, low molecular weight heparin, their analogues and their derivatives.

6. (New) The mechanism of claim 1, further comprising a compression spring within the housing configured to move the reset sleeve and the dose dial sleeve towards the second end of the housing after the dose dial sleeve is moved a predetermined distance toward the first end of the housing.

7. (New) The mechanism of claim 1, further comprising at least one cylindrical wheel within the housing, the at least one cylindrical wheel including indicia designating a particular dosage on an outer circumference thereof.

8. (New) The mechanism of claim 7, wherein the dose dial sleeve includes engagement features configured to engage and drive corresponding engagement features on an inside surface of the at least one cylindrical wheel.

9. (New) The mechanism of claim 7, wherein the reset sleeve includes engagement features configured to engage and reset to zero the at least one cylindrical wheel upon movement of the reset sleeve towards a second end of the housing.

10. (New) The mechanism of claim 7, wherein the mechanism is configured such that when the dose dial sleeve travels to a furthest point towards the first end of the housing, a locking mechanism prevents movement of the at least one cylindrical wheel.

11. (New) The mechanism of claim 1, wherein the housing includes a first cylindrical wheel including indicia designating increments of 10 dosage units and a second cylindrical wheel including indicia designating single dosage units.

12. (New) The mechanism of claim 11, wherein the reset sleeve includes a gear component configured to advance the first cylindrical wheel one increment for every tenth increment of the second cylindrical wheel.

13. (New) The method of claim 5, wherein dispensing a drug includes selecting a dose level by:

moving the dose dial sleeve a predetermined distance toward the first end of the housing; and

rotating the dose dial sleeve a predetermined amount corresponding to a particular dosage.

14. (New) The method of claim 13, wherein the dose dial and the drive mechanism include at least one cylindrical wheel within the housing, the at least one cylindrical wheel including indicia designating a particular dosage on an outer circumference

thereof and wherein rotating the dose dial sleeve causes a change in the indicia viewable through the dose display.